

[Device Burn In Utilizing Voltage Control]

Abstract

According to the present invention, a method of controlling the burning in of at least one I/C device in a burn in tool is provided. For high power device, the tool has a heat sink positioned to contact each device being burned in, and has a socket for mounting each device to be burned in, and a power source to supply electrical current to burn in each device. The method includes the steps of continuously monitoring at least one process parameter selected from the group of current, voltage, power and temperature, and varying the voltage to maintain at least one of the parameters at or below a given value. Also, a technique for burning in low power devices without a heat sink is provided. The invention also contemplates a tool for performing the above method.